Appl. No. 10/582,703
Amdt. dated May 9, 2007
Reply to Notification of Missing Requirements of February 22, 2007

PATENT

REMARKS

The amendments to paragraph **[0019]** on page 8 clarify the identity of sequences present in the Sequence Listing representing portions of Figure 1 corresponding to the "complete nucleic acid sequence of XAGE-1...with untranslated 5' and 3' ends" (SEQ ID NO:45), compared to those portions restricted to protein coding regions for xage-1 p9 and xage-1 p16 (SEQ ID NOS: 1 and 2, and SEQ ID NOS:3 and 4, respectively).

Similarly, the amendments to paragraph **[0038]** on page 13 and paragraph **[0039]** on page 14 correct the start positions of the xage-1 p9 and xage-1 p16 coding regions to reflect numbering from the beginning of all nucleotides in Figure 1, instead of numbering beginning at the first nucleotide of the the xage-1 p16 start codon.

The amendment to paragraph **[0140]** on page 36 corrects a typographical error in the definition of "X_3" in SEQ ID NO:5 made without deceptive intent. This interpretation is supported by the definitions of "X_3" for SEQ ID NO:5 present in every other instance where this definition occurs in the Specification and Claims. Specifically, in paragraph **[0007]** on page 2, lines 31-32; paragraph **[0008]** on page 3, line 14; paragraph **[0009]** on page 3, line 29; paragraph **[0010]** on page 4, lines 10-11; paragraph **[0011]** on page 4, lines 26-27; paragraph **[0015]** on page 5, lines 27-28; paragraph **[0016]** on page 36, line 11; paragraph **[0017]** on page 7, line 3; paragraph **[0018]** on page 7, lines 18-19; paragraph **[0008]** on page 3, line 14; paragraph **[0029]** on page 11, line 6; claim 1, line 5; claim 8, line 6; claim 15, line 5; claim 21, line 6; claim 28, line 5; claim 40, line 5; claim 46, lines 3-4; claim 57, line 5; and claim 63, lines 4-5, where "X_3" is consistently defined as "a hydrophobic residue, methionine or alanine".

Entry of this amendment is respectfully requested. This amendment is accompanied by a floppy disk containing sequences SEQ ID NOS:1-45 in computer readable form, and a paper copy of the sequence information which has been printed from the floppy disk.
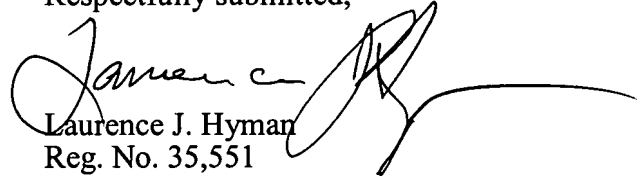
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The information contained in the computer readable disk was prepared through the use of the software program "PatentIn" and is identical to that of the paper copy. This amendment contains no new matter.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,

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